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Flight Report

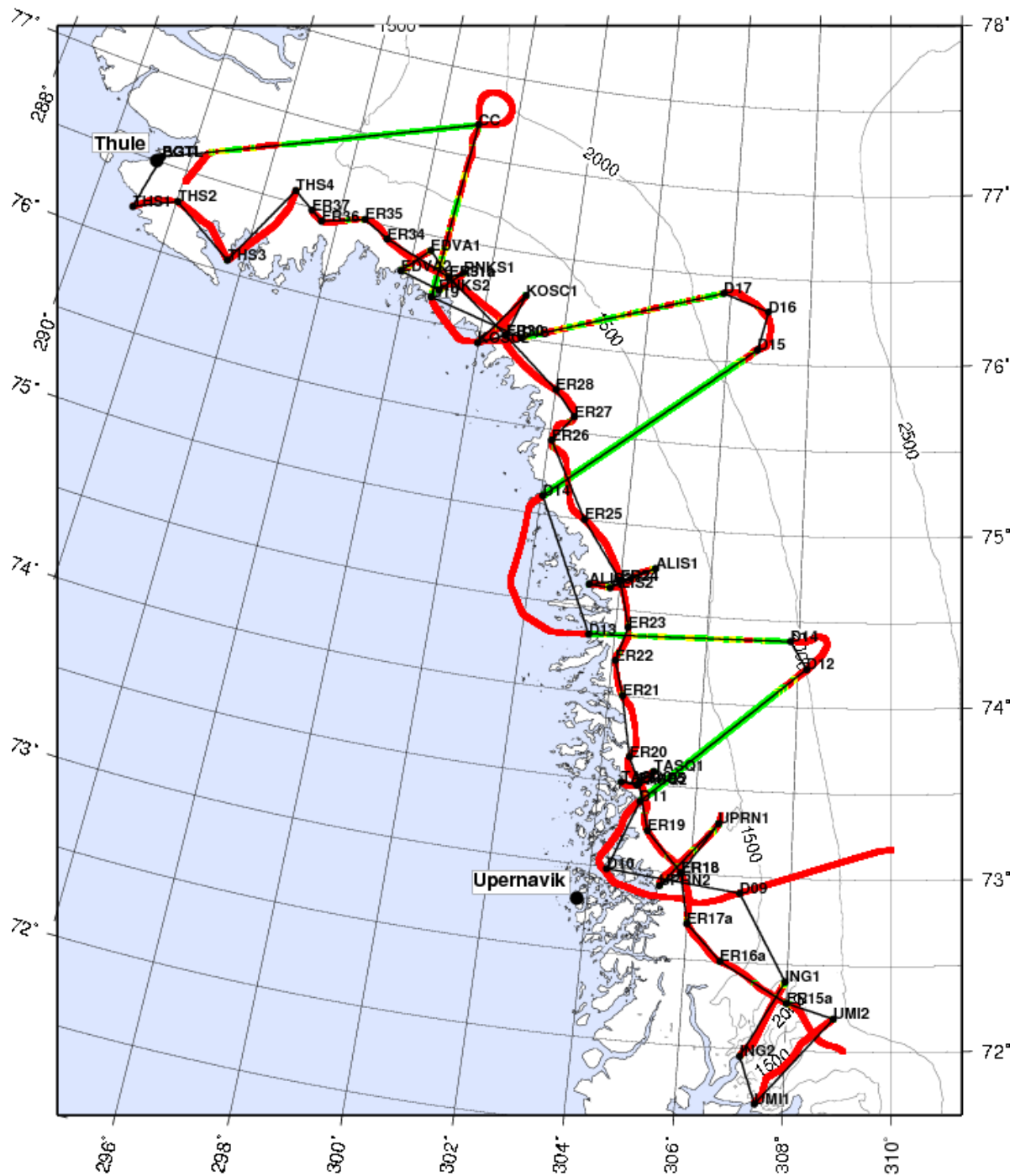
Aircraft :	NASA P-3B
Operating Site(s) From / To :	BGTL / BGTL
Flight Date :	April 17, 2009
Flight Number / Data Flight # :	730 / 9
Time out:	1027 (Z)
Time in:	1806 (Z)
Flight Time :	7.7
Flt Request # / PI:	FR#9P007/013/014
Purpose of Flight :	Data <input checked="" type="checkbox"/> Ferry <input type="checkbox"/> Functional Check <input type="checkbox"/> Other <input type="checkbox"/>
Sensor Payload :	Arctic Ice Gap (Operation Ice Bridge) for Sea Ice ICESat orbit tracks. ATM (2), Snow radar, PARIS, LVIS
Comments :	<p>An Arctic Ice Mapping mission was flown today over northwest Greenland glaciers and the marginal ice sheet area between Thule and Upernavik. This area has exhibited substantial thinning over the last few years from both GRACE and ICESat data, as well as ATM. The flight repeated several old track lines first surveyed by this project in 1994. Additional new flight lines were added for several PARCA investigators. The two ATMs, PARIS, and the Snow Accumulation Radar collected data successfully at low altitude.</p> <p>The next flight is planned for Monday, April 20, due to the airfield being closed over the weekend.</p> <p>The aircraft and all instruments are in an Up status.</p>

SUBMITTED BY: Cate Fairchild

17 April 2009

Thule 04

7.8 hrs at 250 knots groundspeed



Flight	Date	Aircraft Flight #	Data Flight#	Hours flown	Total Hours Remaining
<i>Total Allocated</i>					<i>184.0</i>
ECF	3/25/2009	713		0.8	183.2
PCF	3/27/2009	716		3.7	179.5
Transit to Thule	3/30/2009	693		7.6	171.9
Science flight	3/31/2009	718	1	8.1	163.8
Science flight	4/1/2009	719	2	7.7	156.1
Science flight	4/2/2009	720	3	8.2	147.9
Science flight	4/5/2009	721	4	8.7	139.2
Science flight	4/6/2009	722	5	7.7	131.5
Ferry to Maine	4/7/2009	723		6.4 (n/c)	131.5
Prop repair FCF 1	4/10/2009	725		0.4 (n/c)	131.5
Prop repair FCF 2	4/11/2009	726		0.4 (n/c)	131.5
Ferry: Maine to Thule	4/13/2009	724		6.2 (n/c)	131.5
Science flight	4/14/2009	727	6	8.0	123.5
Science flight	4/15/2009	728	7	8.0	115.5
Science flight	4/16/2009	729	8	7.5	108.0
Science flight	4/17/2009	730	9	7.7	100.3
<i>Return Transit*</i>	<i>TBD</i>			<i>8.0</i>	<i>92.3</i>
<i>Post-mission calibration*</i>	<i>TBD</i>			<i>2.0</i>	<i>90.3</i>

* Time for return transit and post-mission flight are estimates only